

Title (en)

Device for forming a non-detachable connection between a pipe end and a connector

Title (de)

Vorrichtung zur Herstellung einer unlösbaren Verbindung zwischen dem Endbereich eines Rohres und einem Verbindungselement

Title (fr)

Dispositif pour réaliser une liaison permanente entre l'extrémité d'un tuyau et un raccord

Publication

EP 1186820 B1 20030416 (DE)

Application

EP 00119119 A 20000904

Priority

EP 00119119 A 20000904

Abstract (en)

[origin: EP1186820A1] The method for producing a permanent joint between an end section of a pipe (6) and a connector element (1) involves application of radial pressure to the pipe surface during a relative motion of the working element (4) of the forming tool. The pressure is applied in such a way that the pipe surface is plastically formed and is provided with a profile mating with the profile on the connector element. Also claimed are a device for implementation of the method, and an arrangement consisting of a pipe and a connector element.

IPC 1-7

F16L 13/14; **B21D 39/04**

IPC 8 full level

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CPC (source: EP)

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Cited by

DE10243706C1; CN112746878A; JP2005525521A; CN100366360C; US2020318766A1; DE102019118588A1; CN115325449A; US11644136B2; WO2015181002A1; DE102013105481A1; US11185908B2; US7614133B2; WO03097269A1

Designated contracting state (EPC)

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